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Amendments to Claims

1. (currently amended) A dry melt flowable rotolining composition consisting essentially of particles of fluorine exposure-stabilized tetrafluoroethylene/perfluoro(ethyl vinyl ether) copolymer having an average particle size of about 100 to 3000 µm and sphere factor of less than 1.5 and 0.2 to 2 wt% of adhesion promoting, non-bubble promoting metal powder, the formation of said composition occurring after the fluorine exposure of said copolymer to obtain said fluorine exposure-stabilized tetrafluoroethylene/perfluoro(ethyl vinyl ether) copolymer, wherein, upon the rotolining formed on steel from said composition on steel, the rotolined composition has an having adhesion to said steel characterized by a peel strength of at least 25 lb/in.

- 3. (canceled)
- 4. (original) The composition of claim 1 wherein said metal powder contains zinc.
- 5. (original) The composition of claim 1 wherein said metal powder contains tin.
- 6. (original) The composition of claim 1 wherein said metal powder contains copper.
- 7. (previously presented) The composition resulting from the composition of claim 1 after melting and then cooling of said copolymer, wherein said metal powder is dispersed in said copolymer.
- 8. (canceled)
- 9. (canceled)
- 10. (canceled)
- 11. (canceled)
- 12. (canceled)

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13. (canceled)

14. (previously presented) The composition of claim 1 wherein the amount of said metal powder present is 0.3 to 1.2 wt%.

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15. (previously presented) The composition of claim 1 wherein said metal powder is

zinc, tin or copper and is present in the amount of 0.5 wt%.

16. (previously presented) The composition of claim 15 wherein said metal powder is

zinc.

17. (canceled)

18. (previously presented) The composition of claim 1 wherein said copolymer by

itself does not adhere to said steel.

19. (previously presented) The composition of claim 1 wherein said copolymer prior

to said fluorine exposure contains unstable end groups that on heating can decompose to volatile product, and said fluorine exposure reduces the number of

said unstable end groups to be less than 80/10⁶ carbon atoms.

20. (currently amended) The composition of claim 19 wherein said number of

unstable end groups is less than about 50/10⁶ carbon atoms.

21. (previously presented) The composition of claim 1 consisting of said copolymer

and said metal powder.

22. (currently amended) Rotolining of the The composition of claim 1 in the form of

said rotolining.